## I claim:

1. A static dissipative paperboard comprising:

at least one static dissipative substance homogeneously dispersed throughout the static dissipative paperboard, wherein the static dissipative paperboard is substantially free of carbon particles.

- 2. The static dissipative paperboard of claim 1, wherein the static dissipative paperboard has an electrical resistance between about  $1\times10^4$  and about  $1\times10^{11}$  ohms at a relative humidity of less than or equal to 12 percent.
- 3. The static dissipative paperboard of claim 1, wherein the static dissipative substance is selected from the group consisting of poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.
- 4. The static dissipative paperboard of claim 1, wherein the static dissipative substance is poly(diallyldimethylammonium chloride) in an amount between about 0.5 and about 7.5 percent by weight.
- 5. The static dissipative paperboard of claim 1, wherein the static dissipative substance is diethanol amide in an amount between about 1.0 and about 7.0 percent by weight.
- 6. The static dissipative paperboard of claim 1, wherein the static dissipative substance is polyethylene glycol in an amount between about 1.5 and about 6.0 percent by weight.
- 7. The dissipative paperboard of claim 1, further comprising an effective color producing amount of a dissipative pigment or dye.
- 8. The static dissipative paperboard of claim 1, wherein said static dissipative paperboard comprises less than about 8 ppm of reducible sulfur.

## 9. A fiberboard composition comprising:

at least one conductive paperboard sandwiched between layers of static dissipative linerboard;

an electrically conductive substance substantially homogeneously dispersed throughout said paperboard; and,

a static dissipative substance substantially homogeneously dispersed throughout the static dissipative linerboard.

- 10. The fiberboard of claim 9, wherein said conductive paperboard has an electrical resistance equal to or less than about  $1 \times 10^3$  ohms.
- 11. The fiberboard of claim 9, wherein said static dissipative linerboard has an electrical resistance between about  $1\times10^4$  and  $1\times10^{11}$  ohms at a relative humidity of less than twelve percent.
- 12. The fiberboard of claim 9, wherein said conductive paperboard sandwiched between said layers of static dissipative linerboard has a wave shape.
- 13. The dissipative paperboard of claim 9, wherein the static dissipative substance is selected from the group consisting of poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.
- 14. The dissipative paperboard of claim 9, wherein the static dissipative substance is poly(diallyldimethylammonium chloride) in an amount between about 0.5 and about 7.5 percent by weight of said linerboard.
- 15. The dissipative paperboard of claim 9, wherein the static dissipative substance is diethanol amide in an amount between about 1.0 and about 7.0 percent by weight of said linerboard.

- 16. The dissipative paperboard of claim 9, wherein the static dissipative substance is polyethylene glycol in an amount between about 1.5 and about 6.0 percent by weight of said linerboard.
- 17. The fiberboard of claim 9, wherein said electrically conductive substance is about 6% to about 10% by weight of said conductive paperboard.
- 18. The fiberboard of claim 9, wherein said electrically conductive substance is carbon particles.
- 19. The fiberboard of claim 9, wherein said electrically conductive substance is carbon black.
- 20. The static dissipative linerboard of claim 9, wherein said static dissipative linerboard comprises less than about 8 ppm of reducible sulfur.
- 21. The static dissipative linerboard of claim 9, wherein said conductive paperboard has a basis weight range between about 10 lbs/msf and about 50 lbs/msf.

- 22. Static dissipative paperboard comprising a static dissipative substance homogeneously dispersed throughout said paperboard, said static dissipative paperboard has an electrical resistance between about  $1 \times 10^4$  and about  $1 \times 10^{11}$  ohms at a relative humidity of less than or equal to 12 percent.
- 23. The static dissipative paperboard of claim 22, wherein the static dissipative substance is selected from the group consisting of poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.
- 24. The static dissipative paperboard of claim 22, wherein the static dissipative substance is poly(diallyldimethylammonium chloride) in an amount between about 0.5 and about 7.5 percent by weight.
- 25. The static dissipative paperboard of claim 22, wherein the static dissipative substance is diethanol amide in an amount between about 1.0 and about 7.0 percent by weight.
- 26. The static dissipative paperboard of claim 22, wherein the static dissipative substance is polyethylene glycol in an amount between about 1.5 and about 6.0 percent by weight.
- 27. The static dissipative paperboard of claim 22, further comprising an effective color producing amount of a dissipative pigment or dye.
- 28. The static dissipative paperboard of claim 22, wherein said static dissipative paperboard is adhered to a conductive paperboard on an exposed face thereof.
- 29. The static dissipative paperboard of claim 22, wherein said static dissipative paperboard is linerboard.
- 30. The static dissipative paperboard of claim 22, wherein said static dissipative paperboard comprises less than about 8 ppm of reducible sulfur.

- 31. A conductive paperboard comprising a conducting material homogeneously dispersed throughout the paperboard, said paperboard having an electrical resistance of less than or equal to about  $1\times10^3$ .
- 32. The conductive paperboard of claim 31, wherein said conducting material is carbon particles.
- 33. The conductive paperboard of claim 31, wherein said conducting material is carbon black.
- 34. The conductive paperboard of claim 33, wherein said carbon black comprises from about 6% to about 10% by weight of said conductive paperboard.
- 35. The conductive paperboard of claim 31, wherein said conductive paperboard has a basis weight range between about 10 lbs/msf and about 50 lbs/msf.

- 36. A method for making recyclable fiberboard for use in protecting electrostatically sensitive devices from the hazards of electrostatic discharge comprising the steps of:
- (a) providing a conductive paperboard layer having an electrical resistance of less than or equal to about 1×10<sup>3</sup> ohms;
- (b) providing static dissipative linerboard having electrical resistance of between about  $1\times10^4$  to about  $1\times10^{11}$  ohms at twelve percent relative humidity; and,
- (c) adhering said static dissipative linerboard to at least one side of said conductive paperboard through a heat and starching process.
- 37. The method of claim 36, wherein said conductive paperboard layer has a wave shape.
- 38. The method of claim 36, wherein said conductive paperboard layer is in continuous roll form.
- 39. The method of claim 37, wherein said static dissipative linerboard is adhered to the apexes and nadirs on both sides of the wave shaped conductive paperboard.
- 40. The method of claim 36, wherein said static dissipative linerboard is adhered to both sides of said conductive paperboard.
- 41. The method of claim 36, wherein said conductive paperboard layer comprises carbon black in an amount ranging from about 6% to about 10% by weight.
- 42. The method of claim 36, wherein said conductive paperboard has a basis weight range between about 10 lbs/msf and about 50 lbs/msf.
- 43. The method of claim 36, wherein said conductive paperboard is prepared by batch mixing paper pulp and carbon black in water.
- 44. The static dissipative linerboard of claim 36, wherein the static dissipative linerboard comprises a static dissipative substance selected from the group consisting of

poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.

- 45. The static dissipative linerboard of claim 36, wherein the static dissipative linerboard comprises from about 0.5 to about 7.5 percent by weight.
- 46. The static dissipative linerboard of claim 36, wherein the static dissipative linerboard comprises from about 1.0 to about 7.0 percent by weight.
- 47. The static dissipative linerboard of claim 36, wherein the static dissipative linerboard comprises from about 1.5 to about 6.0 percent by weight.
- 48. The static dissipative linerboard of claim 36, further comprising an effective color producing amount of a dissipative pigment or dye.

## 49. A fiberboard composition comprising:

at least one conductive paperboard, said conductive paperboard has an electrical resistance equal to or less than about 1×10<sup>3</sup> ohms and a basis weight range between about 10 lbs/msf and about 50 lbs/msf;

an electrically conductive substance substantially homogeneously dispersed throughout said paperboard;

at least one static dissipative linerboard, said static dissipative linerboard has an electrical resistance between about  $1\times10^4$  and  $1\times10^{11}$  ohms at a relative humidity of less than twelve percent and less than about 8 ppm of reducible sulfur; and,

a static dissipative substance substantially homogeneously dispersed throughout the static dissipative linerboard.

- 50. The dissipative paperboard of claim 49, wherein the static dissipative substance is selected from the group consisting of poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.
- 51. The fiberboard of claim 49, wherein said conductive paperboard layer comprises carbon black in an amount ranging from about 6% to about 10% by weight.

52. A conductive paperboard comprising from about 6% to about 10% by weight carbon black dispersed throughout the paperboard, said paperboard having an electrical resistance of less than or equal to about  $1\times10^3$  and a basis weight range between about 10 lbs/msf and about 50 lbs/msf.

- 53. A method for making recyclable fiberboard for use in protecting electrostatically sensitive devices from the hazards of electrostatic discharge comprising the steps of:
- (a) providing a wave shaped conductive paperboard layer having an electrical resistance of less than or equal to about  $1\times10^3$  ohms, said conductive paperboard layer comprises carbon black in an amount ranging from about 6% to about 10% by weight and has a basis weight range between about 10 lbs/msf and about 50 lbs/msf;
- (b) providing linerboard having dissipative electrical resistance of between about 1×10<sup>4</sup> to about 1×10<sup>11</sup> ohms at twelve percent relative humidity; and,
- (c) adhering linerboard to at least one side of said conductive paperboard through a heat and starching process.
- 54. The method of claim 53, wherein said linerboard is adhered to the apexes and nadirs on both sides of the wave shaped conductive paperboard.
- 55. The method of claim 53, wherein said conductive paperboard is prepared by batch mixing paper pulp and carbon black in water.
- 56. The static dissipative linerboard of claim 53, wherein the static dissipative linerboard comprises a static dissipative substance selected from the group consisting of poly(diallyldimethylammonium chloride), polyethylene glycol, diethanol amide and mixtures thereof.